

**CRF Errors Corrected by the STIC Systems Branch**

0131 01PE 714  
 CRF Processing Date: 2/6/2002  
 Edited by: 10  
 Verified by: 10 (STIC staff)

Serial Number: 09/909,204 **ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☒ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 173
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002

TIME: 08:27:37

Input Set : N:\jumbos\909204.txt

Output Set: N:\CRF3\02062002\I909204.raw

P.5

3 <110> APPLICANT: Genentech, Inc.  
4 Ashkenazi, Avi  
5 Botstein, David  
6 Desnoyers, Luc  
7 Eaton, Dan L.  
8 Ferrara, Napoleone  
9 Filvaroff, Ellen  
10 Fong, Sherman  
11 Gao, Wei-Qiang  
12 Gerber, Hanspeter  
13 Gerritsen, Mary E.  
14 Goddard, A.  
15 Godowski, Paul J.  
16 Grimaldi, Christopher J.  
17 Gurney, Austin L.  
18 Hillan, Kenneth, J.  
19 Kljavin, Ivar J.  
20 Mather, Jennie P.  
21 Pan, James  
22 Paoni, Nicholas F.  
23 Roy, Margaret Ann  
24 Stewart, Timothy A.  
25 Tumas, Daniel  
26 Williams, P. Mickey  
27 Wood, William, I.  
29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
30 Acids Encoding the Same  
32 <130> FILE REFERENCE: 10466-14  
C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/909,204  
C--> 35 <141> CURRENT FILING DATE: 2001-07-18  
37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
38 <151> PRIOR FILING DATE: 2000-02-22  
40 <150> PRIOR APPLICATION NUMBER: US 60/143,048  
41 <151> PRIOR FILING DATE: 1999-07-07  
43 <150> PRIOR APPLICATION NUMBER: US 60/145,698  
44 <151> PRIOR FILING DATE: 1999-07-26  
46 <150> PRIOR APPLICATION NUMBER: US 60/146,222  
47 <151> PRIOR FILING DATE: 1999-07-28  
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594  
50 <151> PRIOR FILING DATE: 1999-09-08  
52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944  
53 <151> PRIOR FILING DATE: 1999-09-13  
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/909,204DATE: 02/06/2002  
TIME: 08:27:37Input Set : N:\jumbos\909204.txt  
Output Set: N:\CRF3\02062002\I909204.raw

56 <151> PRIOR FILING DATE: 1999-09-15  
58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547  
59 <151> PRIOR FILING DATE: 1999-09-15  
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089  
62 <151> PRIOR FILING DATE: 1999-10-05  
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214  
65 <151> PRIOR FILING DATE: 1999-11-29  
67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313  
68 <151> PRIOR FILING DATE: 1999-11-30  
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564  
71 <151> PRIOR FILING DATE: 1999-12-02  
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565  
74 <151> PRIOR FILING DATE: 1999-12-02  
76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095  
77 <151> PRIOR FILING DATE: 1999-12-16  
79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911  
80 <151> PRIOR FILING DATE: 1999-12-20  
82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999  
83 <151> PRIOR FILING DATE: 1999-12-20  
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93 <213> ORGANISM: Homo sapiens  
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97 gacccacgcg tccggggccgg agcagcacgg ccgcaggacc tggagctccg gctgcgtctt 120  
98 cccgcagcgc taccgcgccat gcgcctgccg ccgcggggccg cgctggggct cctgccgctt 180  
99 ctgctgctgc tgcgcgccgc gccggaggcc gccaaagaagc cgacgccctg ccaccgggtgc 240  
100 cgggggctgg tggacaagtt taaccagggg atggtggaca ccgcaaagaa gaactttggc 300  
101 ggcggggaaca cggcttgagg ggaaaagacg ctgtccaagt acgagtccag cgagattcgc 360  
102 ctgctggaga tccctggagg gctgtgagag agcagcgact tcgaatgcaa tcagatgcta 420  
103 gaggcgcagg agggagcact ggaggcctgg tggctgcagc tgaagagcga atatcctgac 480  
104 ttattcgagt ggttttgtgt gaagacactg aaagtgtgct gctctccagg aacctacggt 540  
105 cccgactgtc tcgcatgcca gggcggatcc cagaggccct gcagcgggaa tggccactgc 600  
106 agcggagatg ggagcagaca gggcgacggg tccctgccgt gccacatggg gtaccagggc 660  
107 ccgctgtgca ctgactgcat ggacggctac ttcagctcgc tccggaacga gacccacagc 720  
108 atctgcacag cctgtgacga gtccctgcaag acgtgctcgg gcctgaccaa cagagactgc 780  
109 ggcgagtgtg aagtgggctg ggtgctggac gaggggcgct gtgtggatgt ggacgagtgt 840  
110 gcggccgagc cgcctccctg cagcgtgctg cagttctgta agaacgcaa cggctcctac 900  
111 acgtgcgaag agtgtgactc cagctgtgtg ggetgcacag gggaaggccc aggaaactgt 960  
112 aaagagtgtg tctctggcta cgcgaggagc caccgacagt gtgcagatgt ggacgagtgc 1020  
113 tactagcag aaaaaacctg tgtgaggaaa aacgaaaact gctacaatac tccagggagc 1080  
114 tacgtctgtg tgtgtcctga cggcttcgaa gaaacggaag atgcctgtgt gccgccggca 1140  
115 gaggctgaag ccacagaagg agaaagcccc acacagctgc cctcccgcga agacctgtaa 1200  
116 tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260  
117 ggatgccgtc tccctgcagt gacagcggcg gggagaggct gcctgctctc taacggttga 1320

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002  
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Input Set : N:\jumbos\909204.txt  
Output Set: N:\CRF3\02062002\I909204.raw

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118 ttctcatttg tcccttaaac agctgcattt cttggttggt cttaaacaga cttgtatatt 1380
119 ttgatacagt tctttgtaat aaaattgacc attgtaggta atcaggagga aaaaaaaaaa 1440
120 aaaaaaaaaa aaagggcggc cgcgactcta gagtcgacct gcagaagctt ggccgccatg 1500
121 gcccaacttg tttattgcag cttataatgg ttacaaataa agcaatagca tcacaaattt 1560
122 cacaaataaa gcattttttt cactgcattc tagttgtggt ttgtccaaac tcatcaatgt 1620
123 atcttatcat gtctggatcg ggaattaatt cggcgcagca ccatggcctg aaataacctc 1680
124 tgaaagagga acttggttag gtaccttctg aggcggaaag aaccagctgt ggaatgtgtg 1740
125 tcagttaggg tgtggaaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
126 ctcaattagt cagcaaccca gttttt 1825
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129 <211> LENGTH: 353
130 <212> TYPE: PRT
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 2
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135 1 5 10 15
137 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
138 20 25 30
140 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
141 35 40 45
143 Ala Lys Lys Asn Phe Gly Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
144 50 55 60
146 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
147 65 70 75 80
149 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
150 85 90 95
152 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
153 100 105 110
155 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
156 115 120 125
158 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
159 130 135 140
161 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
162 145 150 155 160
164 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
165 165 170 175
167 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
168 180 185 190
170 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
171 195 200 205
173 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
174 210 215 220
176 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
177 225 230 235 240
179 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
180 245 250 255
182 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
183 260 265 270
185 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/909,204

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Input Set : N:\jumbos\909204.txt  
Output Set: N:\CRF3\02062002\I909204.raw

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186          275          280          285
188 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys
189          290          295          300
191 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro
192 305          310          315          320
194 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala
195          325          330          335
197 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp
198          340          345          350
200 Leu
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204 <211> LENGTH: 2206
205 <212> TYPE: DNA
206 <213> ORGANISM: Homo sapiens
208 <400> SEQUENCE: 3
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210 tgcacctcga cccacgcgtc cgccaggccg ggaggcgacg cgcccagccg tctaaacggg 120
211 aacagccctg gctgagggag ctgcagcgca gcagagtatc tgacggcgcc aggttgcgta 180
212 ggtgcggcac gaggagtttt cccggcagcg aggaggtcct gagcagcatg gcccgaggga 240
213 ggcgcttccc tgcgcgcgcg ctctggctct ggagcctcct cctgtgcctg ctggcactgc 300
214 gggcgagggc cgggcgcgcg caggaggaga gcctgtacct atggatcgat gctcaccagg 360
215 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420
216 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480
217 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540
218 ccttgcgctc cctggataaa ggcacatgag cagatccaac cgtcaatgtc cctctgctgg 600
219 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtctt ggaaaacagg 660
220 atggggtgag agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720
221 tccaaaacacc tcaaaatgct atcttcttta aaacatgtca acaagctgag tgcccaggcg 780
222 ggtgccgaaa tggaggcttt tgtaatgaaa gacgcactct cgaagtgcct gatgggttcc 840
223 acggacctca ctgtgagaaa gccctttgta cccacgatg tatgaatggg ggactttgtg 900
224 tgactcctgg tttctgcata tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960
225 actgctcaac cacctgcttt aatggaggga cctgtttcta ccctggaaaa tgtatttgcc 1020
226 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaacct tgtcgaaatg 1080
227 gaggtaaatg cattggtaaa agcaaatgta agtgttccaa aggttaccag ggagacctct 1140
228 gttcaaagcc tgtctgcgag cctggctgtg gtgcacatgg aacctgccat gaaccaaca 1200
229 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtag gaagccagcc 1260
230 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcaactaaaa 1320
231 aggcggagga gcggcgggat ccacctgaat ccaattacat ctggtgaact ccgacatctg 1380
232 aaacgtttta agttacacca agttcatagc ctttgtaaac ctttcatgtg ttgaatgttc 1440
233 aaataatggt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500
234 actgagctga tatttactct tccttttaag ttttctaagt acgtctgtag catgatggta 1560
235 tagattttct tgtttcagtg ctttgggaca gattttatat tatgtcaatt gatcaggtta 1620
236 aaattttcag tgtgtagttg gcagatattt tcaaaattac aatgcattta tgggtgtctg 1680
237 gggcagggga acatcagaaa ggttaaattg ggcaaaaatg cgtaagtccac aagaatttgg 1740
238 atgggtgcagt taatgttgaa gttacagcat ttcagatttt attgtcagat atttagatgt 1800
239 ttgttacatt tttaaaaatt gctcttaatt tttaaactct caatacaata tattttgacc 1860
240 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttactactgt gtagtggcat 1920
241 ttaaacaata taatatattc taaacacaat gaaataggga atataatgta tgaacttttt 1980
242 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctcttac ctaataaaca 2040

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002  
TIME: 08:27:37

Input Set : N:\jumbos\909204.txt  
Output Set: N:\CRF3\02062002\I909204.raw

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243 ttttatactg tttgtatgta taaaataaag gtgctgcttt agttttttgg aaaaaaaaaa 2100
244 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcgccgc gactctagag tcgacctgca 2160
245 gaagcttggc cgccatggcc caacttgttt attgcagctt ataatg 2206
247 <210> SEQ ID NO: 4
248 <211> LENGTH: 379
249 <212> TYPE: PRT
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 4
253 Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Leu Trp Leu Trp Ser
254 1 5 10 15
256 Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
257 20 25 30
259 Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
260 35 40 45
262 Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
263 50 55 60
265 Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
266 65 70 75 80
268 Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
269 85 90 95
271 Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
272 100 105 110
274 Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
275 115 120 125
277 His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
278 130 135 140
280 Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
281 145 150 155 160
283 Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
284 165 170 175
286 Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
287 180 185 190
289 Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
290 195 200 205
292 Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
293 210 215 220
295 Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
296 225 230 235 240
298 Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
299 245 250 255
301 Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
302 260 265 270
304 Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
305 275 280 285
307 Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
308 290 295 300
310 Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
311 305 310 315 320
313 His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

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Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/909,204

DATE: 02/06/2002

TIME: 08:27:38

Input Set : N:\jumbos\909204.txt

Output Set: N:\CRF3\02062002\I909204.raw

L:34 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113  
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174  
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175  
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206